

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	LIBBY (S59)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	LIBBY	APPROACH TYPE:	VISUAL
CONTACT:	KEITH KINDEN	DATE INVENTORIED:	12-19-95
PHONE #:	293-9776	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 14/32 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	125', 150' 200'		NO
PARALLEL TAXIWAY FROM CENTERLINE:	240'	300' (2)		NO
AIRCRAFT PARKING FROM CENTERLINE:	250'	365.5		✓
RUNWAY WIDTH:	75'	75'		✓
RUNWAY LENGTH:	9,120' (1)		5,000'	NO
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	(3)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(4),(5),(6)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5"		✓
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>RUNWAY 14 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,580.2	N/A
<b>RUNWAY 32 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	(7)		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,599.7	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED - CROUSE HINDS			N/A
CONDITION:		GOOD (8)		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 14</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 32</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS: (1) RW LENGTH OF 5,500' FOR 75% @60% LOAD, 7,530' FOR 75% @90% LOAD, 6,630' FOR 100% @60% LOAD, AND 9,120' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,370' FOR 75%, 4,140' FOR 95%, AND 4,640' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 6,000'

(2) FURTHEST CL POINT OF JUGHANDLE IS APPROX. 197' FROM RW CL - NO ROOM FOR HOLD LINES, SHOULD BE 240' (ALP ULT 300')

(3) SMALL PINES ALL OVER, MOSTLY OUTSIDE RSA BUT IN OFA (3'+ IN SOME PLACES). SLASH PILES ALSO IN OFA

(4) TREES OFF THE NE CORNER OF RW 14 IN TRANSITIONAL SURFACE

(5) MANY PLACES ALL ALONG W SIDE OF RUNWAY HAVE TERRAIN IN PRIMARY SURF. (WORST ~3' BY 14 END PAPI)

(6) TREES OFF THE SE CORNER OF RW 32 IN TRANS. SURF. (~20%) TREES BY APRON TRAILER HOUSE MARGINAL (15%)

(7) STEEP THRESHOLD AT PVMT EDGE (PROBABLY SNOWPLOW GOUGE) (8) ONE MISSING ON WEST SIDE & 32 HALF

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	35'	35'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5" - 3"		✓
PAVEMENT MARKING TYPE:		YELLOW		N/A
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	(1)		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:		GOOD		
COLOR:	BLUE	BLUE		

**MISCELLANEOUS**

TYPE OF BEACON:	60' STEEL POLE MTD NEAR HIGHWAY - BEHIND APRON BUILDINGS
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	BOTH ENDS: MULTI-ELECTRIC, 2-BOX PAPI, FAIR/POOR COND CONTROL BOXES BOTH NONFRANGIBLY MOUNTED
WINDCONE (CONDITION & COMPLIANCE):	MID-FIELD, ~350' OFF CL, LIGHTED, ~20', GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL SEGMENTED CIRCLE IN GOOD CONDITION
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	AT 32 END, IN GOOD COND, 125' OFF RW CL, 30' FROM PVMT EDGE AT MID TW, IN GOOD COND, 150' OFF RW CL, 20' FROM PVMT EDGE BOTH ADB ALNACO BRAND

**COMMENTS:**

(1) ENTRANCE BLUE LIGHTS ON MIDFIELD TW AND 32 END; ONLY ONE BLUE FOR THE JUGHANDLE EXIT

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